

WHAT IS CLAIMED IS:

1. A recombinant DNA construct, comprising a promoter region of a GLP-2 receptor gene and, linked for expression therewith, a heterologous gene of interest.

2. A recombinant DNA construct according to claim 1, wherein the promoter region is selected from the promoter region of the mouse GLP-2 receptor gene, the promoter region of a homolog of the mouse GLP-2 receptor gene, or a variant of such promoter regions that incorporates a truncation, insertion, deletion or addition and retains the function of a GLP-2 receptor gene promoter region.

3. A recombinant DNA construct according to claim 1, wherein the heterologous gene of interest is a reporter gene.

4. A recombinant DNA construct according to claim 1, wherein the heterologous gene of interest encodes a therapeutic protein.

5. A cell incorporating a recombinant DNA construct as defined in claim 1.

6. A transgenic, non-human animal incorporating the recombinant DNA construct according to claim 1.

7. A method for screening compounds to identify regulators of GLP-2 receptor expression, the method comprising the steps of obtaining a reporter construct in which a reporter gene is linked for expression to a promoter region of a GLP-2 receptor gene, and determining the effect of a candidate regulator on the expression of said reporter gene.

8. A method for screening cells to identify hosts that will support expression from a GLP-2 receptor promoter region, comprising the

step of culturing a selected host cell transfected with a recombinant DNA expression construct as defined in claim 3, measuring reporter gene expression level, and identifying such hosts as those in which elevated reporter gene expression levels are measured.

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